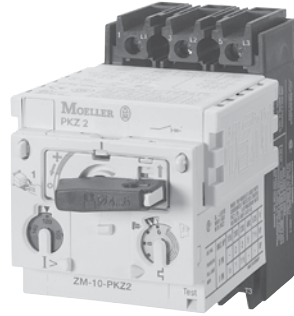


- > Interchangeable trip module makes changing tripping characteristics a snap, even after wiring
- > Adjustable thermal *and* magnetic trip settings
- > Overcurrent, short-circuit protection and motor switching functions are combined in one compact unit; all functions are ambient compensated and phase failure sensitive
- > Worldwide approvals, including UL 508/CSA 22.2 No. 14
- > One frame size simplifies engineering and reduces stocking cost



See Next Page for
UL/CSA Application
Ratings Guide

Manual motor controller with adjustable magnetic and thermal standard trip module

UL/CSA Short-circuit current rating kA RMS sym @		Adjustable thermal range set to motor FLC ① (yellow dial) [A]	Adjustable trip setting current of magnetic trips ① (red dial) [A]	"Typical" Maximum Horsepower							Auxiliary Contacts		Catalog Number	Price
				Typical Single Phase [HP]			Typical Three Phase [HP]							
480 V AC	600 V AC			115V	200V	240V	200V	240V	480V	600V	NO	NC		
65	42	0.4 – 0.6	5 – 8	<i>See note below</i>							0	0	PKZ2/ZM-0,6	
65	42	0.6 – 1	8 – 14								0	0	PKZ2/ZM-1	
65	42	1 – 1.6	14 – 22								0	0	PKZ2/ZM-1,6	
65	42	1.6 – 2.4	20 – 35								0	0	PKZ2/ZM-2,4	
65	42	2.4 – 4	35 – 55	1/8	1/4	1/2	1	1	2	3	0	0	PKZ2/ZM-4	
65	42	4 – 6	50 – 80	1/4	1/2	1/2	1 1/2	1 1/2	3	5	0	0	PKZ2/ZM-6	
65	42	6 – 10	80 – 140	1/2	1	1 1/2	2	3	5	7 1/2	0	0	PKZ2/ZM-10	
65	42	10 – 16	130 – 220	1	2	2	3	5	10	10	0	0	PKZ2/ZM-16	
65	42	16 – 25	200 – 350	2	3	3	5	7 1/2	20	25	0	0	PKZ2/ZM-25	
65	42	24 – 32	275 – 425	2	5	5	10	10	20	30 ②	0	0	PKZ2/ZM-32	
65	42	32 – 42	350 – 500	3	5	7 1/2	10	15	30	30 ②	0	0	PKZ2/ZM-40	

Horsepower ratings shown in the table are for reference only.
The final selection of the manual starter depends on the actual motor full load current and service factor on the motor nameplate. Overload should be set at motor FLA full load current and is calibrated to 1.15 S.F. Specified values to NEC table 430-150.

Ordering Instructions

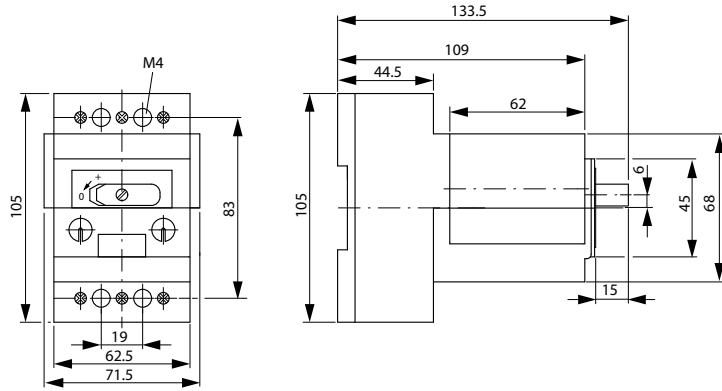
- 1 Determine the motor FLA and Service Factor.
- 2 Use the application rating guide on next page.
- 3 Locate the desired manual motor controller.
- 4 See pages C53 – C59 for auxiliaries and accessories.

- ① All types have adjustable dial for setting motor full load current. Trip current is 125% of set value. For motors with a service factor (SF) of 1.0, set dial to 90% of motor full load current.
- ② Rating applies to manual motor controller only. Does not apply to combination motor starter.

Manual Motor Controller with Trip Module

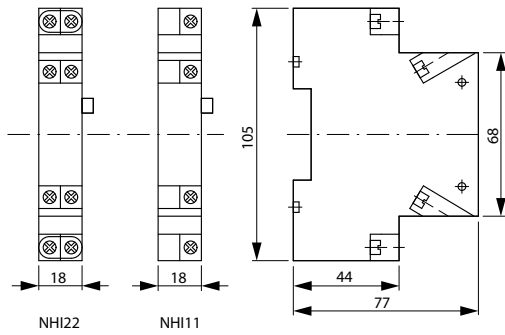
PKZ2/ZM-...

Dimensions are in millimeters.
Not intended for manufacturing purposes.



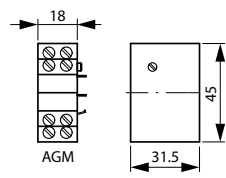
Standard Auxiliary Contacts

NHI...-PKZ2



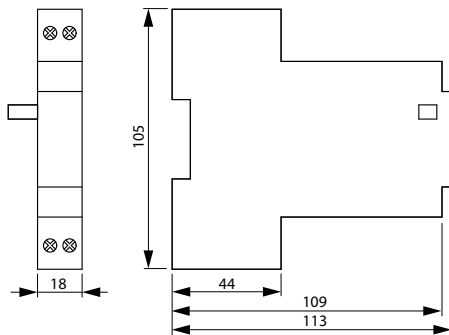
Trip-indicating Auxiliary Contacts

AGM2-11-PKZ2



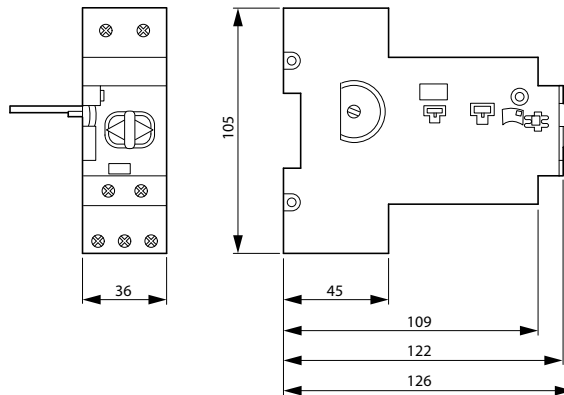
Shunt / Undervoltage Release

A-PKZ2... / U-PKZ2...



Remote Operator

RE-PKZ2... / RS-PKZ2...



Manual Motor
Controllers